# KNITTING MACHINE NEWS & VIEWS

$3.50 YEARLY

PUBLISHED BY
ALLES & WALTER HUTCHINSON

315 HAMIL RD.
VERONA, PA. 15147

VOLUME 3 NUMBER 10 MARCH 1974

HERE'S WHAT YOU WILL FIND IN THIS ISSUE


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# NEWS & VIEWS OF THE EDITORS

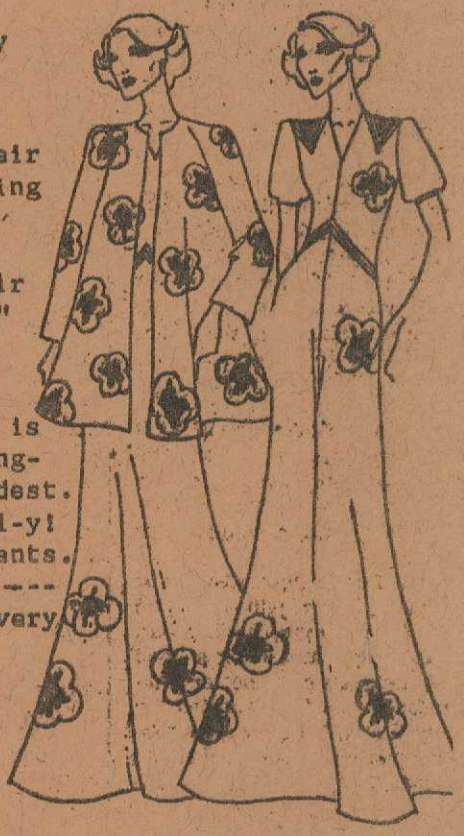
Dear Knitters,

Once again, Walter and I wish to thank everyone for the lovely cards and letters, wishing him good health. He is steadily improving, but still at home. All those cards got him interested in stamp collecting.

After reading Fred Stafford's article on knitting a single motif, the idea occurred to me that perhaps 321 owners could borrow the reverse-punched cards from their 313 friends.

Please note the price change, beginning April 1. As you probably noticed, these last two issues were really scraping the bottom of the barrel for paper---with my supplier only able to get odds & ends. Due to many smaller mills, who manufactured cheaper grades of paper, closing, we have now had to go to a higher quality white paper.

I have just returned from an armchair tour of many of the spring showings by top designers in Rome, Paris, & New York, thanks to my indespensable fashion spy.



Designers appear afraid to look ahead, getting their insptration from the 20's and 30's. Top colors for Spring are jade green, peach, all shades of gray and red, and shades from beige to brown, plus cream and white. The ensemble is the "in" look, even evening gowns have their own matching jackets. We find quite a few "hand-loomed" articles...that word meaning it was knit and shaped on a knitting machine!

Most enjoyable was Mady Gerrard's showing, for she is one of the top knit designers. She shows many with plunging necklines, accompanied by a dickey for the more modest. Many skirts were swingy, with 8 seamless gores (g-o-l-l-y! those are short rows!) Many suits come with matching pants. One very popular model is her "let's go to bed" dress---slinky knit gowns with crocheted coats to match, both very decolette---resembling a nightgown and negligee.

If these showings are true barometers of styles--trousers are only being shown 30% to 70% skirts.

HOPING TO KEEP YOU ALL IN STITCHES,

Alles & Walter Hutchinson

MOVING? 3rd class mail is not forwardable. Please notify us at least 1 month in advance. Please include 25¢ to help defray cost of cutting new address plate. Back issues, including those lost in the mail, are 40¢ each.

ADVERTISING? Full page-$20; ½ page-- $10; ¼ page--$6. Deadline 20th of the month to appear in the next issue. Ads are payable in advance. Colors $5 additional.

LETTERS? Please include a stamped, self-addressed envelope if you wish a reply.

PATTERNS? Include amount of yarn, gauge, size, & approx. tension. Token gift given.

# THINGS AND STUFF

## BY - HAZEL MAE SELZER

NEW IDEA!!!! This idea is used with the front band. The facing is knit on with "the seam as you go" idea. It appeared in the September 1972 issue of the News and Views. I've furthered the idea with a vertical hem. The hem is seamed when the facing is being done.

I'll give you a patch to practice on so you will see how it looks. As instructed in the Sept. issue you have the front band, then skip 1 needle. Leave this needle in A position, then the front band needles. I've done mine as follows:

(PATCH) Cast on 20 stitches. This will be for the hem facing. At 2 tensions tighter, knit 10 rows and at tension #10 knit a turning row. Now for the idea!!! Skip 1 needle- pull 4 needles into service, skip 1 needle and pull 10 into service. I've added 4 extra needles and 1 more out of service in between. You will have, 20 stitches representing main front sweater

1 out of service
4 needles in work
1 out of service
10 for the front band

Don't worry about the extra width on your garment as these 4 stitches will be "hemmed" later.

Cast on these needles and at tension 1 number tighter, knit 10 rows and hang hem. At main tension, knit about 40-50 rows and take off machine. You will start the seaming as you go the same way (check Sept. issue) by turning the garment (patch) upside down and picking up the 10 cast on edges of band facing. Purl side of garment facing you. Now before you go on skip the 4 needles and pick up the cast on edge where the 2nd needle was out of service. This begins the hemming of the 4 stitches. Knit and seam same as instructed in Sept. 1972 issue but when you pick up the first cross bar in seaming as you go, ALSO PICK UP THE 2ND CROSSBAR- You will have a stitch and 2 crossbars on the needle. For you new knitters a cross bar is the space produced by leavind a needle out of service. You have a small "straight" line of yarn across this space. The amount of needles used for the front band doesn't have to be 10. Use what ever your pattern calls for. For you who don't have the Sept. issue, send Alles (News & Views) a self stamped addressed envelope and 10¢ and she will mail you a copy of this band.

HINT: You've all dropped stitches when doing pattern work, and when quite a few drop, you usually have to start all over. This is is what I do. The stitches drppped seem to curl down and in toward the main bed. If you look down in but don't touch them, you can see the top edge of the stitches. Sometimes they haven't unraveled or maybe only a row or two undid. I keep the longer T straight pins and carefully stick one down through each stitch. Then I go back and pull up carefully with the pin and slip the tool thru. Don't try to use your pointed tool, the end is blunt and the stitches are small and you only undo them further.

Hazel Mae Selzer

PRICE OF THE MAGAZINE IS NOW $4.50 PER YEAR STARTING APRIL - 1-74

AT THE BEGINNING OF THIS YEAR WE REALIZED THAT WE WOULD HAVE TO MAKE A BIG DECISION....SHOULD WE RAISE THE PRICE OF THE MAGAZINE OR CUT THE NUMBER OF ISSUES?.... RISING COSTS OF BOTH SUPPLIES AND POSTAGE MADE IT IMPERATIVE. WE FEEL WE CAN SERVE YOU BEST BY AN INCREASE.

WITH SOME OF THE BEST KNITTERS IN THE COUNTRY ON OUR STAFF, WE LOOK FORWARD TO MANY NEW AND INTERESTING IDEAS IN THE FIELD OF MACHINE KNITTING IN 1974.

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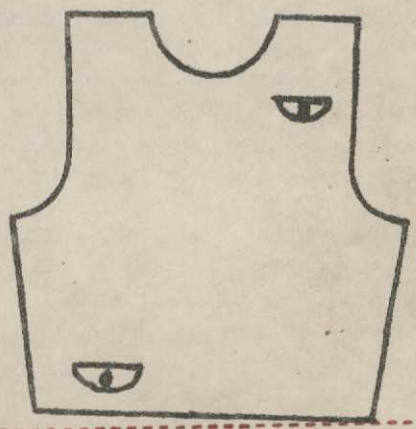


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THIS ISSUE IS DEDICATED TO THE MEMORY OF MY GOOD FRIEND, THELMA CLINGERMAN, WHO PASSED AWAY MONDAY, FEB. 25, 1974, AFTER A LONG ILLNESS. MANY WILL REMEMBER HER FROM SEMINARS. IF YOU KNEW HER AT ALL SHE WAS YOUR FRIEND.

# DO WE HAVE THE SAL-UTH-ION TO YOUR KNOTTY KNITTING PROBLEMS? HELPS AND HINTS, WE HOPE!

BY RUTH JOHNSTON AND SALLY DWYER

First, a report on how Ruth is doing--coming along OK, but slowly.

Ruth was lucky enough to attend the El Paso Seminar, & quite enthused over something she saw there -- it resembled lacy crochet, but was done on the knitter. To my delight, this info is featured in the newest Studio Newsletter. Had to sit right down that nite & try it -- FANTASTIC.

Very best part is that you should be able to do it on any brand or model of machine. You use stockinette, Hold Pos. & lots of concentration, till you memorize the sequence.

* * * * * * * * * * * *

A note for Alles (& all the rest of us, not built like Twiggy.) who feels that box-pleated skirts are NOT for you--don't start the pleats at waist, but near the hipline, & wear a tunic or overblouse with it. Mount the pleated section in any of the following ways:

1. Sew a chemise-top in cotton or taffeta; sew the pleated piece on, just above where the overblouse will cover. (Could even sew this onto a ready-made slip.)
2. Knit a smooth hip-yoke & waistline casing, either a separate piece, or: knit the pleats, cast off, form the pleats & re-hang on machine (3 layers each pleat) & knit up from hip to waistline. (You could also use a fabric yoke on the skirt instead.)
3. Use the box pleats as a flounce only, near the bottom of the skirt...you would get the fullness, but not the pleats that lie open at the hipline.

* * * * * * * * * * *

Have recently discovered several novice machine knitters in the immediate vicinity. Do we have any others in or near Bradford, Pa., who would like to start a club? Please contact Either Ruth or Sally (see addresses in our ad). This has been a dream--to start a club--ever since getting the first knit machines. Plan to run an ad, &/or notice in society page in local papers about club, also.

* * * * * * * * * * *

Bet that most everyone has pretty plastic bath powder containers that they hate to discard. This is perfect for your waste yarns, & smaller tools, etc. The bonus is that all the leftover bits of yarns smell yummy. Got one for Christmas, which has a clear plastic lid--perfect.

---

PATTERN CORRECTION

1 line was omitted from the Easy Mitten pattern, February issue, p. 7

After returning the needles to work position (having completed the fingertip) add to your pattern:

| Knit____rs | Large | Medium | Med.-Small | SMALL | EX-SMALL |
|---|---|---|---|---|---|
| | 24 | 22 | 16 | 12 | 8 |

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JUST OFF THE PRESS....Machine knitting patterns

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|---|---|
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| 2. Quilt Afghan | .50 |
| 3. Falling Leaves Afghan (from scrap yarn) | .50 |
| 4. Raglan Sleeves for Men | 1.50 |
| 5. Raglan Sleeves for Women | 1.50 |
| 6. Raglan Sleeves for Children | 1.50 |
| 7. The Racing Stripes (ski sweaters and hats for the whole family featuring racing stripes | 3.00 |

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# KNITS & PEARLS from ALDEA'S

BY ALVINA MURDAUGH
OF ALDEA KNITS

I'D LIKE AT THIS TIME TO WRITE A FEW WORDS ABOUT PATTERN KNITTING....WITH THE ADVENT OF MORE & MORE AUTOMATIC KNITTING MACHINES, PATTERN WORK IS GETTING EASIER AND LESS COMPLICATED TO RUN...BUT THERE IS A LITTLE MORE TO COMING OUT WITH A CUSTOM LOOK THAN KNOWING HOW TO RUN THE PATTERN.

MOST OF YOUR MANUALS SHOWING THE PATTERN CONSTRUCTION NOTE THE STS & ROWS PER ONE PATTERN...THIS IS A VALUABLE AID IN CHARTING...IF YOU ARE MAKING A STRAIGHT PIECE SECTION OF A GARMENT SUCH AS SHELLS, JACKETS, SWEATERS, ETC. YOU SHOULD TRY & FIGURE OUT YOUR GARMENT SO PATTERNS MATCH AT SIDE SEAMS. I ALWAYS ADVISE OUR STUDENTS TO MAKE TWO SWATCHES WHEN BEGINNING YOUR GARMENT...ONE FOR A GOOD SIZE GAUGE READING, AND ONE TO PRACTISE SEAM MATCHING...SOME PATTERNS ARE BEST TO BUTT YOUR EDGES, SOME TO TAKE IN A STITCH, SOME UNRAVELLED AND LATCHED TOGETHER,, OR LOOPED & OVERCAST...IT'S MUCH EASIER TO FIND THIS OUT BEFORE YOU COMPLETE THE KNITTING SO YOU CAN FIGURE WHETHER OR NOT TO ADD AN EXTRA STITCH OR IF TO ERASE EDGE STITCHES TO FRAME A PATTERN...LET'S SAY YOU HAVE DECIDED TO TAKE IN A FULL STITCH IN WEAVING YOUR SEAMS. YOUR PATTERN DESIGN IS 12 STS & 24 RS PER PATTERN....YOUR CAST ON SHOULD BE A MULTIPLE OF 12 PLUS 2...THIS MEANS THE AMOUNT YOU CAST ON SHOULD BE DIVISIBLE BY 12 EVENLY & HAVE 2 STS LEFT OVER. THESE ARE YOUR SEAM STS...THE SAME FRONT AND BACK.....

EXAMPLE: 146 STS--YOU MAY WANT TO CONSIDER THE SAME SITUATION FOR ROWS--IN THE CASE OF A "V" NECK, FOR INSTANCE TRY AND FIGURE AHEAD SO YOUR DIVISION COMES AT THE END OF A PATTERN. TOO MUCH CONCERN SHOULDN'T BE PUT ON THE SHOULDER SECTION AS THESE DON'T ALWAYS MATCH...THIS IS BECAUSE YOUR PATTERNS ARE WORKED FROM "SIDE TO SIDE" AND WHEN YOU MATCH SHOULDER SEAMS YOU ARE TURNING THE PATTERN "AROUND" PARTICULARLY IN FIGURE PATTERNS...IT SHOULD ALSO BE MENTIONED THAT IF YOU ARE FOLLOWING A STOCKINETTE STITCH PATTERN OR A FIGURE PATTERN, BUT YOU CHOSE TO CHANGE THE DESIGN, YOU MAY HAVE TO ADD OR SUBTRACT A FEW STITCHES TO CONFORM TO YOUR DESIGN: THEN YOU HAVE TO ADD OR SUBTRACT A FEW STITCHES TO CONFORM TO YOUR DESIGN: THEN YOU MUST MAKE A CHOICE OF RUNNING A SLIGHT BIT LARGER OR SMALLER IN SIZE IN ORDER TO MATCH THE PATTERN AT SEAMS.

NOW FOR TAKING A GAUGE IN PATTERN. THIS OF COURSE IS OVER AND ABOVE ANY INSTRUCTIONS YOU MAY HAVE IF YOU ARE USING AN AUTOMATIC CHARTING DEVICE SUCH AS KNIT COPIER, RADAR, ETC...FOR THIS, FOLLOW YOUR MANUAL OR INSTRUCTOR, BUT FOR A STANDARD "CHART YOUR OWN GARMENT" THE FOLLOWING MAY BE OF SOME HELP:

CAST ON 60 STS--BEGIN WITH SCRAP YARN OF THE SAME WEIGHT, OR USE GARMENT YARN, AND KNIT APPROX. 1" IN THE PATTERN YOU WILL USE...THEN RUN 2 ROWS OF "ULTRITE"... SET ROW COUNTER TO 0--KNIT WITH GARMENT YARN IN PATTERN & TENSION YOU WULL BE KNITTING GARMENT...KNIT FOR 30 ROWS, THEN USING A SEPARATE PIECE OF CONTRAST YARN, KNIT THRU THE 5th ST FROM EACH END...KNIT 30 MORE ROWS (60 ROWS TOTAL)...THEN KNIT 2 ROWS ULTRITE...KNIT AT LEAST ONE MORE INCH IN SAME PATTERN BEFORE REMOVING FROM MACHINE...NOW ROLL SIDES & STRETCH LENGTHWISE, THEN SLIGHTLY SIDEWAYS TO PROPERLY POSITION STITCHES...AFTER SUFFICIENT TIME HAS ELAPSED & SWATCH HAS BEEN PROPERLY TREATED, TAKE A READING FOR GAUGE...MEASURE STITCHES BETWEEN MARKERS (IN INCHES) & SINCE THERE ARE 50 STS, DIVIDE THESE STS BY THE INCHES MEASURED TO GIVE YOU STS PER INCH. YOU WILL CLEARLY SEE WHERE YOUR ROWS BEGIN & END DUE TO THE FRAMING WITH ULTRITE...MEASURE ROWS BETWEEN ULTRITE AND DIVIDE BY INCHES TO DETERMINE ROWS PER INCH...THIS GIVES A GOOD BEGINNING TO YOUR CHARTING FIGURES.

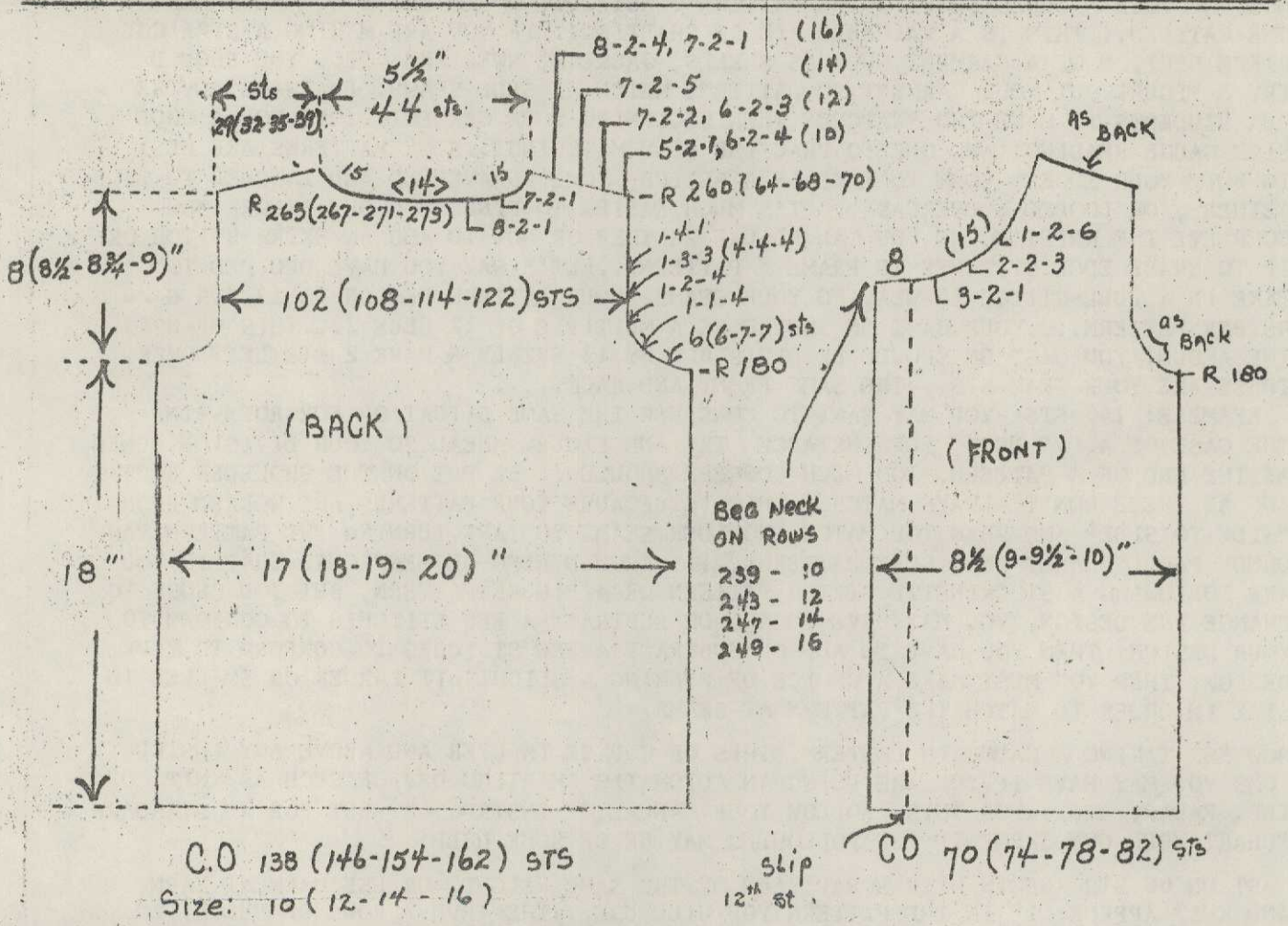
I SUGGEST BEGINNING AND ENDING OF SWATCH USING SAME PATTERN AS GARMENT BECAUSE CERTAIN PATTERNS CAN CAUSE PULLING OR PUCKERING IF STARTED AND ENDED IN STOCKINETTE , THEREBY GIVING AN ERRONEOUS READING.

THIS IS JUST A SMATTERING OF WHAT YOU'LL BE CONCERNED WITH SHOULD YOU GO INTO PATTERN KNITTING...I'M SURE WHERE ARE PLENTY OF PATTERNS AVAILABLE TO YOU, OR MAYBE YOU HAVE A FAVORITE OF YOURS TO TRY. IF NOT TRY THE FOLLOWING:

**Material:** Med. Weight Yarn
**Size:** 10 ( 12 - 14 - 16 )
**Gauge :** 8 Sts - 10 rows = 1"
**Legend :** STS - ROWS - TIMES
**Example** - 1-2-4 = One St; 2 Rows, 4 Times
**Approx. amt. of yarn :** 11 ( 12½ - 14 - 16 ) oz.

## Sleeveless Jacket

An Aldea Original
By Alvina Murdaugh




**Facing:** C.O 12 sts - Knit even to row 239 ( 243 - 247 - 249 ) ... Short row 8 sts, then 3 sts, then 1 st every other row one time... Remove on scrap.... Make another reversing shaping.....

**Finishing:** - Join shoulder and side seams. Attach facing joining inner edge to slip stitch on front. Join outer edge as you crochet edging around lower edge and up fronts, working through loops only. Crochet around neck and armholes in desired edging. I used one row SC and one row "Puff Dea" edging in my crochet book, Pattern No. 44. Block.....

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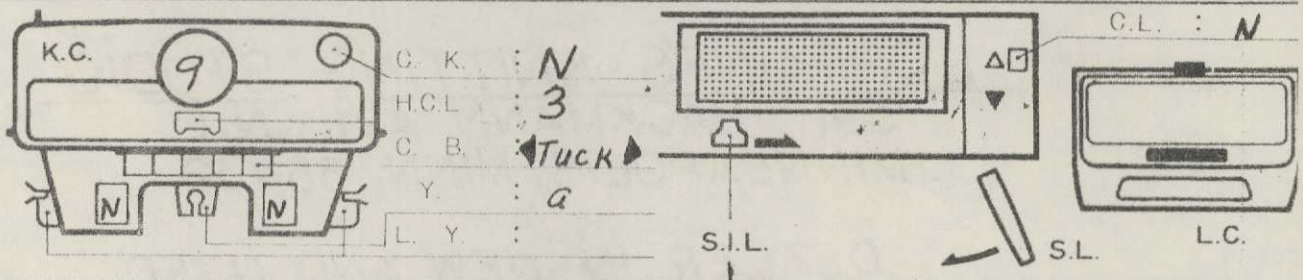


| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 |
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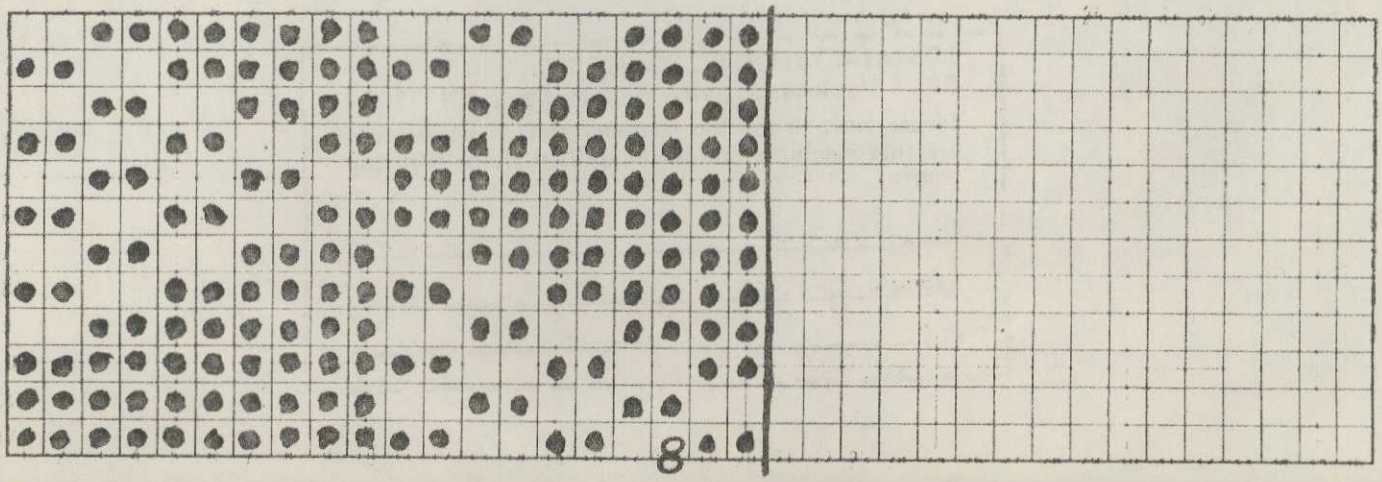

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PLANNED FOR BROTHER 800 BUT MAY BE MADE ON ANY MACHINE IN PATTERN STITCH GIVING GAUGE

DESIGNED BY MARY MARGARET QUIJADA, SANTA MARIA, CA.

## LARGE SIZE LADIES CARDIGAN

SIZE: 40-42; Finished Bust: approx. 44": Finished side length: 15"; sleeve:15½"

MATERIAL: 20 oz (10 skeins) Spinnerin Allround Sport Yarn; 7 buttons

TENSION: about 9 on both pattern stitch and ribbing

GAUGE: 11½ sts-24 rs=2" in pattern; 17 rs=2" in stockinette stitch

BACK: BROTHER 800 PATTERN CARD FOUND ON PAGE 8

Cast on 125 sts and work in ribbing for 16 rows. Transfer ribber sts to main bed. Row counter to 000. Body: work in pattern stitch for 184 rows or desired length. Raglan armhole: Row counter to 000. At beg. of next 2 rows bind off 6 sts. Knit until counter reads 4, dec 1 st each side, *knit 3 rows, dec 1 st each side*. Repeat from *-* 38 times more. Counter should read 121. Push in button for plain knitting and knit 1 row. Counter reads 122. Take rem'ing 34 sts off on a stitch holder or scrap yarn.

FRONTS:

Cast on 63 sts and work in ribbing same as back. Body:work in pattern stitch for 184 rows. Raglan armhole: Row counter to 000. On same side as carriage bind off 6 sts. Knit until counter reads 4, dec 1 st at arm edge, *knit 3 rows, dec 1 st at arm edge*. Repeat from *-* 38 times more AND AT THE SAME TIME when counter reads 93 take off 7 sts at neck edge and place on holder or scrap yarn. Continue to dec'l st at arm edge every 3rd row (as you did before) and 1 st at neck edge when counter reads 96, 99, 102, 105, 108, 111, 114, & 120. Row counter reads 121 after neck dec's have been finished. Push in button for plain knitting and knit 1 row. Counter reads 122. Place 1 st on holder or scrap yarn.

Make second front but reverse all shaping.

SLEEVES:

Cast on 53 sts and work in ribbing for 24 rows. Body:Counter to 000. Work in pattern stitch and inc 1 st each side every 9 rows until there are 97 sts. Continue in pattern until counter reads 184. Raglan armhole: Counter to 000. At beg of next 2 rows bind off 5 sts. Work same as raglan on back until there are 7 sts left. Place on holder or scrap yarn.

BUTTON BANDS:

Cast on 20 sts and knit for 211 rows. Take off on holder or scrap yarn. On buttonhole band make double buttonholes on rows 5, 40, 75, 11, 145, 1n5 180.

FINISHING:

Fold bands in half and sew to fronts. Sew raglan seams and side seams. NECK BAND: with button bands folded in half, pick up 103 sts around neck as follows: 1/3 across back & 1/3 across each front. Work in ribbing for 9 rows, forming the /th buttonhole on row 4.If you desire you may embroider a chain stitch over the button band seams.

# HOUSE OF YARNS AND CRAFTS

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# FRILLS (cont. from Feb.)

By Julie Scouten, "The Knittery"
Boone, Iowa

## SLEEVE FRILLS

Lots can be done with frilly sleeves. You might (if you're terrifically ambitious) hang two or three frills above the cuff of a long sleeve. You might not. Then you might make a Dear Little Puffed Sleeve with a frill at the bottom.

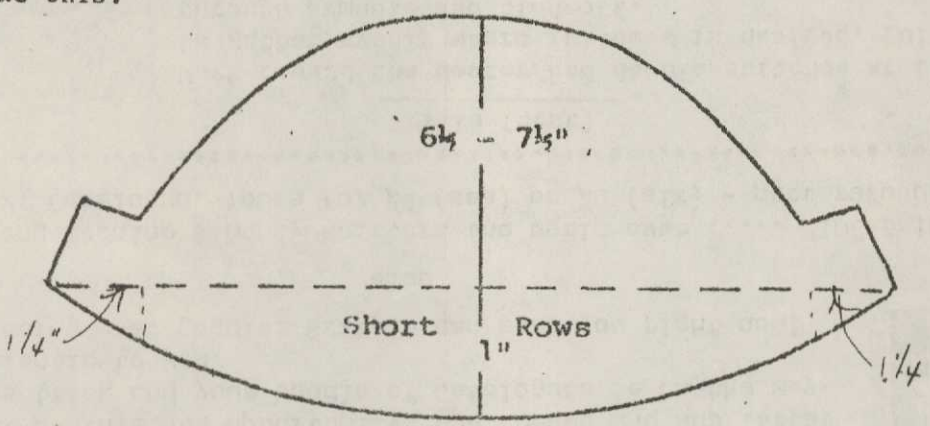
Dear Little Puffed Sleeve:

This calls for a bit of heavy thinking. Are you there? Start with a snug upper arm measurement to determine the facing length. Let's say 10".

Facing: 10" x 7 sts per inch = 70 sts

Frill: Facing 70 sts x 1.5 = 105 sts

So far so good? Now comes the cerebral part. A puffed sleeve pattern looks something like this:




For best effect, the bottom should be gathered as much as possible.....preferably 2 sts on every needle, when the time comes. However, you don't want lumps and bumps under the arm, so figure about 1¼" free of gathers on each side.... 10 sts on each side for a total of 20 in this case. OK? The rest of the lower edge is to be gathered, so:

70 sts Facing length
-20 sts Underarm
50 sts to be gathered
x 2
100

The bottom of the sleeve must be 100 sts (to be gathered) + 20 sts (underarm) = 120 sts total.

Since this lesson is devoted to frills only, the rest of the sleeve charting is up to you, but one assembling hint might be useful:

Finish cap of sleeve by short rowing rather than binding off.

After shoulder seams are finished, hang armhole back on machine, right side facing you, shoulder seam at 0. After armhole is hung, bring needles out to D position.

Hang sleeve into hooks of needles, right side of sleeve facing machine.

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Frills (cont)

Work toward the center and double stitches at top of sleeve to gather evenly where fullness is desired. Pull sleeve sts through armhole and bind off.

Knitting the Frill and Knitting the Facing:

Proceed as directed for neckline frill (in preceding article), except hang frill with purl side facing machine if you wish to have the frill hang down toward the cuff.

Attach Sleeve:

After the frill is gathered, bring needles to D position. With right side of sleeve facing machine, hang ungathered sections at underarm on each end on open hooks of needles. Pull sleeve through gathered frill and bind off.

Once you've mastered the basics, you might try some frill variations. Trot them down the facing of a cardigan. Wider frills or ruffles would be fun. Lavish them around sleeve cuffs. (To put frills on sleeves you should stockpile as many frills of the appropriate length as you will need. Start knitting the sleeve with ribbing or whatever. When the frilly moment arrives, remove the sleeve on a garter bar and set aside while you gather the frill, purl side facing you, onto the needles in WP. Replace sleeve with garter bar and knit merrily on your way.)

DESIGNED FOR JUKI BUT MAY BE
MADE ON ANY MACHINE THAT CAN
DO WEAVING

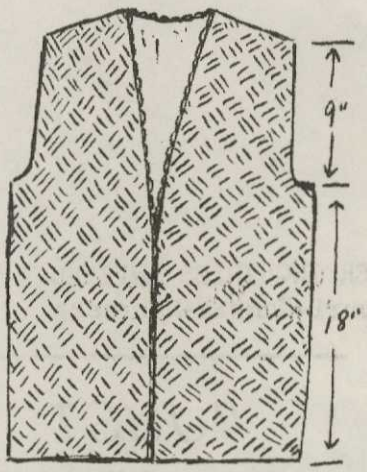
## WOVEN VEST (Size 36)

Juki Tension #7
2 - 2/24 Orlon
4-ply worsted
Pattern Card #17
Gauge: / sts-10 rs=1 inch

**Designed by Joyce Agosta**
**Rita's Beautique Knits**
**Akron, Ohio**

### BACK

Cast on 127 sts. Knit 2 rows plain. Counter at 0 start weaving pattern. Knit to row 166. Begin. of rows 166 and 167, bind off 4 sts. Dec. 1 st. on each side on rows 169, 170, 171, 173, 175, 177, 180, 184, 189. Knit even in pattern to Row 260. Put in hold (opp. cam) 5 st R260, 5 st. 261, 5 st. 262, 5 st. 263, 5 st. 264, 5 st. 265, 8 st. 267, 8 sts. 268. On row 270 bind off all 102 sts.




### FRONT (LEFT)

Cast on 64 sts. Knit 2 rows plain. Counter at 0 knit in pattern to row 150. On front side (left) dec. 1 st. on rows 150, 156, 162, AT SAME TIME ON ROW 167 start bind off and decrease same as for back armhole 168, 174, 180, 182, 186, 192, 198, 204, 210, 216, 222, 228, 234, 240, 246, 252, 258. On row 259 put shoulder sts in hold same as back (5, 5, 5, 8, 8.)

### FRONT (RIGHT)

Same as Left front, reversing all shapings.

### FINISHING

Crochet up fronts and around neck 1 row single crochet, 1 row shell or picot stitch. Single crochet on sleeve opening and on bottom.

Finished size: Bust 39"
Armhole depth: 9"
Arm to bottom: 18"

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# HINTS & KINKS

by Fred Stafford

## HOW TO KNIT A SINGLE MOTIF ON THE STUDIO SK-321 USING A PUNCH CARD

To knit a single motif, the punch card must be cut in reverse; that is, where there are holes on the original punched card, there should be no holes on the new card, and vice versa.

When the new card is punched, insert it into the pattern panel. Turn the card to 1 at the row indicator, then set lock with card release lever. Look at the 24 small touch levers, colored grey, below the punch card. Most of us do not realize that these levers have a story to tell and can be most useful in a number of ways. Have you been using the information given here? As you knit the motif, you will be looking at these touch levers on every row and by following the method described below, you will find it easy to read the pattern on both touch levers and needle bed. It is a breeze to knit a single motif and place it in a garment wherever you wish, so stay with me - don't give up and say this is too difficult. Just follow me step by step.

The touch levers need to be numbered. They correspond to the 24 spaces on each row of the punch card. The card has a heavy line up the center with 12 spaces on each side. This vertical line will be called zero. Now think of the touch levers as having a dividing line with 12 levers each side of 0. In order not to mar the finish of your machine, mark the center line just above the levers with a narrow strip of black electrical tape cut in a wedge shape. Next, make a strip numbered from 1 to 12 beginning each side of center. A nice strip can be made by cutting a row from the early style card for the SK-313. By using this, each square space can easily be numbered. The newer cards have a small pilot hole in the center of each square so you may prefer to use plain paper. I find a most satisfactory pen for lettering the numbers is a waterproof felt pen called "SHARPIE" by Sanford which comes in several colors and is available in most drug stores. Now to attach the strip to the machine. One way is to use a strip of tape which has adhesive on both sides. This will hold the numbered strip securely but will allow removal without damaging the machine finish. Attach the numbered strip to the yellow plastic covering just above the touch levers.

We also need to mark the needle bed plastic strip so as to identify the needles throughout the full width of the bed with the touch levers above. Make a small dot with the felt pen between needles No. 12 & 13 on each side of 0; also after each set of 24 needles thereafter. Remove the plastic strip and, with the aid of a straight edge for a guide, make a line across the strip at each of the dots you have made. Replace the strip carefully so that it is correctly centered at zero. You now have markings to show the repeats of the pattern of any punch card. After you have replaced the strip, make a small dot in the exact center of each section, thus you will be able to find the zero point in each pattern and also to number each needle with respect to the center of the pattern. This marking of the plastic strip under the needles will enable you to place the motif at any desired location on the garment.

In another article, I will describe how to use this marked strip to match patterns when joining vertical seams as well as selecting the portion of the pattern which will join the facing band on the front of a cardigan. The article will also explain how to do this with normal use of the radar.

NOW FOR THE KNITTING OF THE SINGLE MOTIF.

Make a sample swatch first to learn this method before knitting a single motif in a garment. Begin by casting on 60 stitches, 30 each side of zero at the center of the bed. Set Tension Dial to main tension - side levers back to triangle position - arm levers to dot position - Cam Lever to Stockinet - and front levers to II position. With the yarn of the background color in feeder No. 1, knit the required number of rows to the beginning of the motif. Finish with the carriage on the right. Look at the 24 small touch levers. If all of them are depressed with the card set for Row No. 1, this indicates that the pattern does not start on this row. Find the beginning row of the pattern by releasing the stop lever of the card and advancing the card row by row until some of the levers show depressed when the release lever is placed in Stop. This will be the beginning row of the pattern. With the card locked on this first row of the pattern, knit across and back to get the pattern on the "brain". Remove the yarn from feeder No. 1 and thread it in feeder No. 2. Thread the contrast color yarn in feeder No. 1. Hang a small weight, such as a clothes pin, on the end of this yarn.

Now take another look at the touch levers. The last depressed lever on each side is the edge of the pattern. Pull out to "D" position all the needles on each side beyond this edge lever. Place the cam in Knit-in, bring the yarn from feeder No. 1 across the top of the needles in "D" position to the needle next to those in "B" position. Bring the yarn down between the first and second needle adjacent to those in working position on the carriage side. What you are doing here is setting up the automatic wrap of the first needle beyond the pattern. Release the card from stop position. Securing the end of the contrast yarn, knit across to the left. Lock the card. Take a look at the touch levers. Read the pattern and pull out all of the needles as above. Bring up yarn between the first and second needles in holding position next to those in working position, laying the yarn over the needles leading back to the carriage. Release the card and knit across. Follow this procedure throughout all rows of the pattern.

After the last row of the pattern is completed, cut the contrast yarn, leaving about 6 inches. Place the main yarn in feeder No. 1 and return the cam lever to Stockinet. Bring all needles to position "D". Bring the end of the contrast yarn over an adjacent needle to the last one knitted by this color. Knit across. This will tie in the contrast yarn and bring all needles to work position. Continue to knit several rows and bind off.

By using this method you will have no loops beyond the last stitch of the pattern. There can be no showing through of a vertical line as is noted when wrapping the same needle at the end of each row, as in the old method.

I said earlier that it would be a breeze to knit a motif. It is if you form the habit of saying after each row: "LOCK -- TAKE A LOOK -- WRAP -- RELEASE -- and GO ACROSS."

# ENJOY YOUR PASSAP DUO-MATIC

## WITH IRENE

ENJOYMENT is KNOWLEDGE: being able to do what you want to do, when you want to do it, and with ease. Know your machine. It will give you this Enjoyment.

My biggest problem, when learning to operate my Passap, was with floating stitches before the work became heavy enough to give "pull" to the work. Being a person with little patience, I turned to a way not recommended by the makers; ie: combs and weights. I purchased two combs, the long one covering approximately 100 stitches, with places for three weights; a short one covering about 50 stitches, with places for two weights. Again I had a problem; the beds of the machine were too close together for the wires on the weights to reach the openings for them in the bottoms of the combs. I crocheted with cotton yarns, strings long enough to permit the weights to hook into them after the strings were placed in the holes in the combs. Now I have no trouble with floating stitches nor with casting on either with the closed or open method.

I also found that at times the cast on stitches do not make a neat finish, so for the first row of cast on, I use a larger tension than I want for the finished work. After the article is off the machine, I take a crochet hook and slip stitch the loops together, starting at the edge opposite the side where the work is put on the machine, put the hook into the first loop, pick up the second loop, draw it through the first loop, and so on across, making a neat edge. If you are working on a ribbed piece, draw the loop from the front of the stitch for knit stitches; from the back for purl stitches.

There are two kinds of cast on methods. The ZIG-ZAG method, which is made by putting the needles into work on both beds so that when the carriage is passed over the beds the yarn is brought from one bed to the other in a zig-zag manner. When I do this, I take the wire out of the comb, run the comb's teeth through the yarn, place the wire again in the eyes of the comb, drop the comb down on the yarn, then place the weights.

Adjust the tension to the desired number for your work. Should the tension to be used be a high number it is better to gradually increase it instead of increasing rapidly from small to high.

If you do not want both beds in work, the cast on can be made by holding the comb, with the wire in place, in front of the bed to be used; pass the carriage over the needles, drop the comb in place, put on the weights and the machine is ready to work. The same tension rule will apply to this method when going from small tension to higher one.

GAUGE is a very important part of your work, but I assume that this is a well known fact with knitters by now.

After the stockinette stitch and the rib stitch, I find the DOUBLE KNIT stitch one of the most versatile stitches made on the Duo-matic, and one of the most overlooked ones. This stitch is made with both beds in work, with the same amount of needles in work on both beds, since the back bed is but a lining to the front stitches. When giving the details of this stitch, I only count the front bed stitches and when giving the decreases and increases on the work, I do the same. Only mention the front bed stitches, so that if instructions mention 1 stitch increase at each end of both beds, there would be the movement of 4 stitches total: 1 on left hand side of front and back beds, and 1 on right hand side of front and back beds.

In order that you will become more familiar with this stitch I am giving you instructions for a small stuffed DUCK, using increases and decreases.

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## NEW ROTATING TYPE YARN REGENERATOR

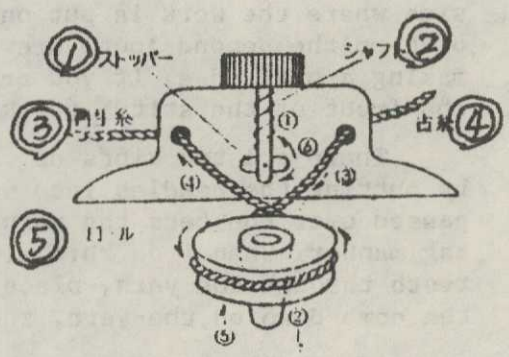
### HOW TO OPERATE

1. Lift the stopper of the shaft straight up.
2. Pull out the roll
3. Insert the yarn through one hole and rotate the yarn one complete turn to the part of the roll and pull it out the other hole.
4. By putting the stopper of the shaft in horizontal position set the roll. (see fig. A)

### HOW TO PASS THE YARN

1 Stopper 2 Shaft
3 Regenerated Yarn 4 Old yarn
5 Roll

Fig. A

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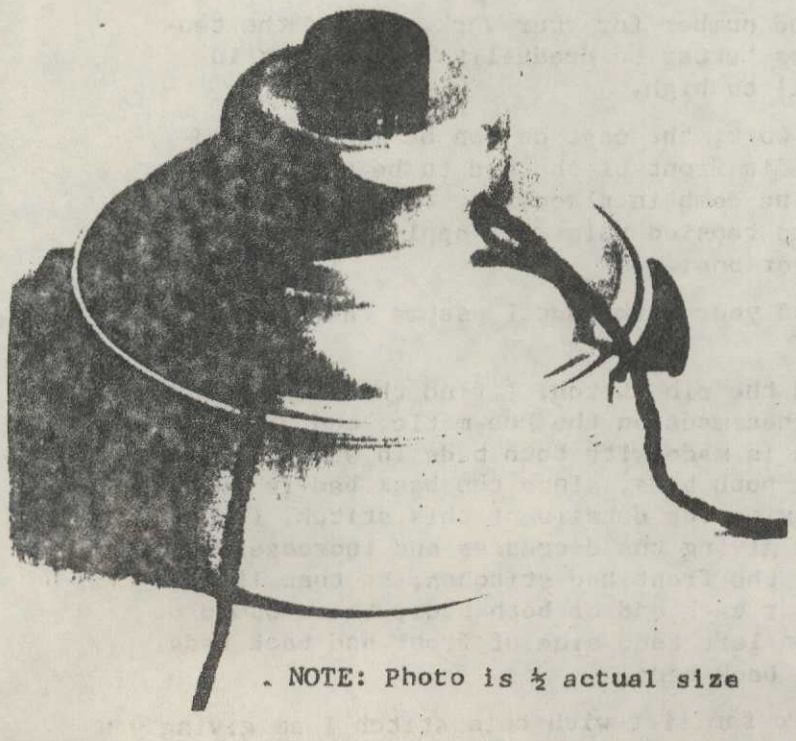


NOTE: Photo is ½ actual size

This clever steaming device takes the wrinkles out of used yarn and makes it new again. The yarn goes in one hole, then around a rotating drum and out the other hole. You fill the lower dish with water and heat it until it steams. It's the steam that does the straightening as you pull the yarn by hand or directly onto your yarn winder.

Enjoy your Passap Duo-matic.

DUCK

Materials: 2/12 Cone Yarn.

Tension Back bed 3 1/2 Lock CX, Front Bed 4 Lock "N"

Lever, Down ( Alternating needles)

( Needle count on front bed only since back bed is the same.)

FOOT: Make 2.

Cast on 7 stitches ( 14 total) front and back bed.

Increase one stitch each side on both beds ( 4 total) every 4th row. Use the yellow two prong tool, lift 2 stitches to the outside on both ends of both beds, leaving No.3 needle vacant. With Red tool pick up stitch from preceding row put on vacant needle.

| Stitch: | 7 | 9 | 11 | 13 | 15 | 17 |
|---|---|---|---|---|---|---|
| Counter: | 0 | 4 | 8 | 12 | 16 | 20 |

Put stitch No 6 on No.7 needle, No 13 on No 12 needle, leaving three divisions of 5 stitches each. Take off two setsof toes to be picked up later.

| Stitch: | 5 | 4 | 3 | 2 |
|---|---|---|---|---|
| Counter | 0 | 2 | 4 | 6 |

(Decrease is made first on one side then the other to keep balance. Put outside stitch on the needle next to it for decrease, both front and back beds.)

Bind off.

Pick one set of toes and repeat instructions. Pick up last set of toes.( If stiffer feet are desired they can by starched with clothes starch.)

WINGS: Make 2 in pairs. Pairs can be made by reversing the shaping or by making the same shapings but reversing the locks on the beds, making front bed "CX" and back bed "N", Be sure to change the tensions.

Cast on 15 stitches, both beds (30 total)

Decreases are made every 12th row by binding off 3 stitches on one side and decreasing one on the other side by putting outside stitch on the needle next to it.

Enjoy your Passap Duo-matic,

(Wings)

| | | | | | |
|---|---|---|---|---|---|
| Stitch: | 15 | 11 | 7 | 3 | Bind Off. |
| Counter | 0 | 12 | 24 | 36 | 48 |

BODY: Cast on 10 stitches (20 total) both beds. (Make two pieces in pairs).

Increase by moving 2 stitches to outside, fill in vacant needle by picking up stitch from preceding row.

| | | | | | |
|---|---|---|---|---|---|
| Stitch: | 10 | 12 | 14 | 16 | |
| Counter | 0 | 2 | 4 | 6 | Knit straight to row 22 |

Decrease by putting outside needle on the needle next to it.

| | | | | | |
|---|---|---|---|---|---|
| Stitch: | 16 | 14 | 12 | 10 | 8 |
| Counter | 22 | 24 | 26 | 28 | 40. |

Bring carriage to left hand side. Put 36 needles to work (72 total) Pass carriage to right hand side and back to left. Turn counter to 0. Increase 1 stitch on front only.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Stitch | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 |
| Counter | 0 | 2 | 4 | 6 | 8 | 10 | 12 | 14 |

Decrease 1 stitch at right hand side every other row to 48 stitches.

| | | | | |
|---|---|---|---|---|
| Stitch: | 51 | 50 | 49 | 48 |
| Counter | 14 | 16 | 18 | 20 Knit straight to counter at 50 |

Decrease 1 stitch every other row on both beds to 30 stitches.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Stitch: | 48 | 46 | 44 | 42 | 40 | 38 | 36 | 34 | 32 | 30 |
| Counter: | 50 | 52 | 54 | 56 | 58 | 60 | 62 | 64 | 66 | 68 Bind off. |

Sew the bodies together leaving a space on the back to stuff. Sew the feet and the wings in place. Cut a piece of yellow felt to form the bill. Work eyes on bothe sides of head. Put loops of crochetted chain for top knot on top of head and longer loops at tail.

FOR ANY MACHINE
FOR THE BEGINNER UP

DESIGNED BY MARGE DUNLAP
VERONA, PA.

## CHILD'S PONCHO OR CAPE

CAST ON EVERY OTHER NEEDLE. AT EACH SIDE LEAVE 3 NEEDLES IN OUT OF WORK POSITION AND 1 NEEDLE IN WORK POSITION. TENSION 9.2 . 4 PLY WORSTED YARN. DECREASE 1 ST EACH SIDE EVERY 4TH ROW, KEEPING 1 NEEDLE IN OUT OF WORK.

| SIZE | 4 OZ SKEINS | CAST ON STITCHES | DECREASE TO NECK STITCHES |
|---|---|---|---|
| 2 | 2 | 100 (50) | 40 (20) |
| 3-4 | 2½ | 132 (66) | 40 (20) |
| 5 | 3 | 140 (70) | 40 (20) |
| 6 | 3 | 152 (76) | 44 (22) |
| 8 | 4 | 170 (85) | 50 (25) |
| 10 | 4 | 180 (90) | 54 (27) |
| 12 | 5 | 190 (95) | 54 (27) |

FOR PONCHO:

1. Make 4 panels exactly the same.
2. Join by using a crochet hook and unraveling the end stitches and pulling three thru three, etc.
3. Neck edge: crochet 1 row single crochet, 1 row double crochet, 1 row single crochet, 1 row chain 3--single crochet every other stitch.
4. Bottom edge: crochet same as neck edge. Cut fringe 4 inches long. Use 3 strands in each loop around bottom. (Vary the length and fullness of fringe to your own liking).

FOR CAPE:

1. Work 3 panels exactly the same.
2. Front panels (make 2): Cast on number of stitches in ( ). Decrease on 1 side only to number of neck sts in ( ). Reverse shaping on second panel.
3. When joining the front panels to the side panels, pull 3 sts through 3 sts from the top down to where you want the armhole slits. Then work from the bottom up to the bottom of the slit. Crochet 2 rows of single crochet around the slit (try on first to check correct armhole depth)
4. Neck edge: Crochet 1 row of single crochet, 1 row of double crochet, and 1 row of single crochet.
5. Bottom edge: crochet 1 row of single crochet, 1 row of double crochet, 1 row of single crochet.
6. Right front border: crochet 2 rows of single crochet On row 3 work your buttonholes in where you want them (I used 5). Crochet 2 more rows of single crochet.
7. Left front border: crochet 5 rows of single crochet. Sew on buttons to correspond with buttonholes.
8. Neck edge: Crochet 1 row of chain 3, single crochet every other stitch. begin this at the front border.
9. Bottom edge: Crochet 1 row of chain 3, single crochet every other stitch, this makes the loop to attach the fringe. Fringe.

VARIATION: The center of each panel can be set up as follows:
5 needles in Out of Work Position each side of center needle. Unravel the center stitch, and using a crochet hook, pull 3 loops through 3 loops. Be sure to secure the end stitch in your trim row. This gives a cable effect and is very pretty.

DESIGNED FOR STUDIO 321
BUT CAN BE DONE ON ANY MACHINE
(12 STITCH PATTERN REPEAT)

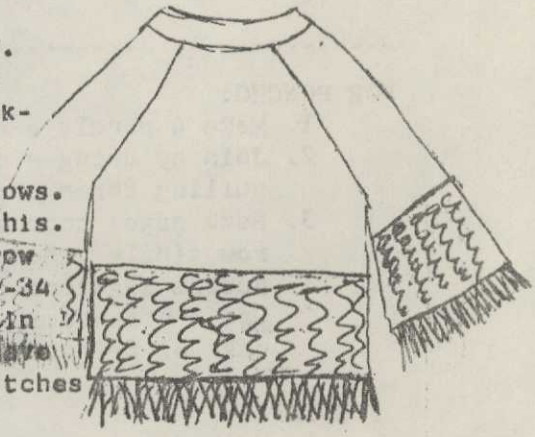
DESIGNED BY EDNA HURM
ALTOONA, PA.

## CHILD'S SLIP-ON SWEATER TOP

SIZE: 2-3
MATERIAL: fine sport yarn (I used Green Oak from Grant store)
3---2 oz skeins Main Color, 3--2 oz. skeins Contrast
TENSION: about 9 with 10 for Fair Isle GAUGE: 8 sts-10 rs=1 inch

BACK & FRONT: (make 2 alike)

Have carriage on right. Cast on like this: 1 WP-1 NWP-108 WP-1 NWP-1 WP (I find this 1 extra stitch very easy to use as a seam line in constructing the garment) Cast on 1-1 NWP-60 sts to left of 0 and 48-1 NWP-1 to right of 0. This way my pattern was evenly matched when finished.



Using Contrast, cast on as above and knit 4 rows at T.9. Change row counter to 000. T.10 and start Fair Isle. At completion of pattern change to Ten.9. Main Color. Stockinette stitch and continue knitting through row 46.

ARMHOLE SHAPING:Bind off 5 sts at beginning of next 2 rows. Be sure to have 2nd needle from each end in NWP after this. Then, using FF method, dec 1 st each side every other row until row 110 is completed. You should now have 1-1 NWP-34 -1 NWP-1. Move end st each side to the adjacent needle in in Work Position and knit 1 row. (Carr. at left). You have thus eliminated the extra st on each side. Take off stitches and put on stitch holder.

SLEEVES: (Make 2) Carr. on Rt. Cast on 96 sts same as for Back in this way: 1-1 NWP-48 to left of 0 and 48-1 NWP-1 to right of 0. Ten 9 and Contrast Color, knit 4 rows. Change to Ten 10. Row counter to 000 and Fair Isle. At end of Fair Isle pattern change to Main Color , Ten 9, Stockinette St. and continue knitting through row 46.

ARMHOLE SHAPING: Same as for back. Continue FF dec. until the completion of row 110. You should have 1-1 NWP-22-1 NWP-1. Move the end stitch each side to the adjacent needle in Work Position and knit 1 row. Carr at left. Take off stitches and put on stitch holder.

NECKBAND:Using a circular needle, size 2 or 3, transfer the back, one sleeve, the front, and the other sleeve to this needle. Then sew three of the raglan seams, leaving one to complete later. Now finish the neckband. Either hang the stitches back the machine, Ten 8, knit 12 rows; Ten 10 knit 1 row; Ten 8 knit 12 rows. Bind off loosely. Or leave on the circular needle and do ribbing of K1, P1 for 3 inches. Bind off loosely. Turn down neckband and stitch loosely to neck edge. Now, sew the other raglan seam together, leaving an opening at the top of about 2-2½". Finish this with 2 rows of Single Crochet , forming 2 loop buttonholes and sew on 2 small buttons. Then sew side seams.

Finish garment with fringe at bottom of all sections, or add 2 rows SC and 1 row of Backward SC for trim.

To increase 1 size: add 12 sts to cast on edge, each section, and 6 rows to armhole edge and 10 rows to finish row.

## UNDERSTANDING YOUR RIBBER---PART VI

### Racking

Most ribbers are fastened to the machine with clamps, but the bed itself may be shifted to the left or right, enabling you to make some intriguing pattern stitches not possible on the stationary ribber. Each step is called a "pitch" and the maximum number of pitches on any machine is 10. Each shift will move the ribber bed 4.5 mm past its previous position, with the exception of the Passap, which is 5 mm.

The apparatus may vary with different brands, but they all accomplish the same thing. You must follow the needle rule for your machine: i.e. if you are knitting on every needle on both beds, the Pitch Lever is on H for ribbers, and on the Passap the racking handle is down. If you are doing a variation of a rib pattern, then the Pitch Lever is on P for ribbers, and the racking handle is up on the Passap. Take care to not over shoot the positions.

BROTHER, JONES:

Standard Ribber: there are 10 racking positions. Normal position is 5. Racking is controlled by a lever at the lower left corner. Beneath the racking indicator are 2 windows, marked L & R. Window will show red to indicate direction in which the racking lever has been moved. Above the indicator are 2 tiny slides, known as "cursors". When doing a swung pattern, between 2 numbers, place the cursors above the numbers. It makes it easy to see what your position is.

Co-ordinated Ribber: same as above.

STUDIO, SILVER, KNITMASTER, EMPISAL

Standard Ribber: there are 6 racking positions. Normal position is 3. Racking is controlled by a lever at the lower left hand corner. There are 2 scales, 1 for H and 1 for P settings of the Pitch Lever. The position is indicated by a red line.

Co-ordinated Ribberthere are 10 positions for racking. Normal position is 5. Racking is controlled by a substantial swing handle. There are scales for both H and P needle positions. Position is indicated by a red line.

JUKI, SINGER HI-MEMORY, MEMORY KING:

Has a very positive racking wheel or knob, with racking indicator set into the dial. Large numbers indicate the P position, while small numbers indicate the H position. Want to remember which is which? Half-size numbers= Half Pitch=half way between needles. The position is indicated by a red arrow at the top of the dial.

PASSAP:

There are 6 racking positions. Normal position is in the center. Racking is controlled by a handle on the left side, which also indicates the pitch. The handle must be turned one complete turn to complete one move. Each position will move the bed 5mm past its original position.

Knitting in a racking pattern is truly rewarding, and well worth the extra time. I am giving you two of my favorite patterns here. One, swung English Rib has numerous possibilities. Included is a pattern for a sweater, using this. Another wonderful pattern, which is also a form of English Rib is the Checkerboard---alternate squares of English rib plain and racked.

1 pattern = 17 sts and 32 rows. The trick is in the needle set-up, so watch for the break in the sequence:

Checker board: 1 pattern = 17 sts and 32 rows. The trick is in the needle set up, so watch for the break in the sequence. Set Pitch lever on H. As in most all double bed patterns, a fine yarn works best. On the Passap the handle is down. Start with racking lever set on Position #1 (see below).

1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 .

1 . 1 . 1 . 1 . . 1 . 1 . 1 . 1 . .

After the basic cast on, set according to your manual for English rib. On Passap, set back lock for N and front for EX.

So that this pattern may be knit on any brand, let's call the 3 center positions on your H scale 1-2-3, regardless of what they may actually be. You may easily transpose these numbers to your specific machine.

Now, knit 2 rows (left to right and right to left), then swing to Position #2 and knit 2 rows. Repeat these 4 rows a total of 16 rows. Your racking lever should be on Position #2.

Rack to Position #3. Knit 2 rows, rack to Position #2 and knit 2 rows. Repeat these 4 rows for a total of 16 rows.

Repeat these 32 rows for pattern.

## MY FAVORITE BABY BLANKET

Comes off the machine almost completely finished, with a scalloped border. This was contributed by Friede Wyse, from Warren, Michigan.

Material: 2 strands of 2/24 cone yarn
Tension: 4½
Size: 36" x 36" (or desired length) Handle Down

Place 175 needles in Work Position on each bed, following the needle rul, then return every 7th needle to Non Work Position.

Cast on, and complete the basic cast on. On Passap:1 row N/N, 2 rs CX/CX, then 1 row N/N. Rack 1 needle to Left.

Set carriages for Full Fishermans Rib (see article in Feb. issue). On Passap, the setting is EX/EX.

Knit 1 row, then rack 1 Ndl to L
1 row, then rack 1 Ndl to R
Repeat 10 times
Knit 1 row without racking

11 rs 22 rs = 1 pattern

Knit 572 rows. Work 1 row N/N. Bind off.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FOR DOUBLE BED MACHINES OR RIBBING ATTACHMENTS

## MAN'S & WOMAN'S SWEATER IN ZIG ZAG PATTERN

GAUGE: 15 sts, 21½ rs = 1", counting M.B. sts only
TENSION: about 7 on MB, 5 on ribber
PATTERN STITCH: *rack 1 ndl to right, every row 7 times, knit 7 rs even, rack 1 ndl to left every row 7 times, knit 7 rs even* Pitch lever on H

NOTE: Before casting on rack bed to extreme left. All bind offs , dec's, inc's, etc. refer to sts of M.B. Take care of ribber sts automatically as they occur.

| 2" ease allowed on each size SIZE | 32 | 34 | 36 | 38 | 40 | 42 |
|---|---|---|---|---|---|---|
| Material: ___ oz. Sock/Sweater yarn | 16 | 18 | 18 | 20 | 21 | 23 |
| BACK: Cast on ___ sts each bed: | 136 | 144 | 152 | 158 | 166 | 174 |
| Set for circular knitting. T 6 on both beds. Knit 18 actual rs all sizes (RC 36) | | | | | | |
| Transfer sts to main bed except for | 2,4 | 6,8 | 10,12 | 4,6 | 8,10 | 3,5 |
| Then every 7th & 9th for all sizes, | | | | | | |
| For a total of ___ sts on ribber bed | 30 | 30 | 30 | 34 | 34 | 34 |
| T.7 on MB, 5 on ribber, knit in | | | | | | |
| pattern * to* for ___ rs | 190 | 190 | 190 | 190 | 190 | 190 |
| Armhole: Bind off beg next 2 rs ___ sts | 18 | 19 | 20 | 20 | 21 | 22 |
| You have rem'ing ___ sts | 100 | 106 | 112 | 118 | 124 | 130 |
| Knit even in pat. to row ___ | 268 | 272 | 278 | 284 | 288 | 294 |
| Shoulders: Bind off beg next 2 rs sts | 10 | 10 | 11 | 12 | 12 | 13 |
| Then beg next 2 rs ___ sts | 9 | 10 | 11 | 11 | 12 | 13 |
| Then beg next 2 rs ___ sts | 9 | 10 | 10 | 11 | 12 | 13 |
| Bind off for neck rem'ing ___ sts | 44 | 46 | 48 | 50 | 52 | 52 |
| FRONT: Knit as for back to row ___ | 241 | 247 | 253 | 259 | 263 | 269 |
| Neck: With separate yarn bind off | | | | | | |
| at center front ___ sts | 26 | 28 | 30 | 32 | 24 | 26 |
| On side opposite carriage transfer sts from ribber to MB then place all sts past B.O. sts in HP Knit 2 rs. | | | | | | |
| Dec 1 st at neck edge every 2nd row | 9 ts | 9 ts | 9 ts | 9 ts | 9 ts | 8 ts |
| Shoulder sts rem'ing ___ | 28 | 30 | 32 | 34 | 36 | 39 |
| Knit even ___ rs | 9 | 7 | 7 | 7 | 7 | 9 |
| Shoulder: Bind off on outer edge ___ | 10 | 10 | 11 | 12 | 12 | 13 |
| sts, knit 1 row, Bind off ___ sts | 9 | 10 | 11 | 11 | 12 | 13 |
| Knit 1 row, bind off ___ sts | 9 | 10 | 10 | 11 | 12 | 13 |
| Complete other side to correspond, having returned sts from MB to ribber. | | | | | | |
| SLEEVE: Cast on ___ sts | 61 | 63 | 65 | 67 | 69 | 71 |
| on each bed. Knit circular 18 rs all sizes (RC 36) T 6 both beds. | | | | | | |
| Change to pat. tension. Transfer sts | | | | | | |
| to MB except for | 5,7 | 6,8 | 7,9 | 8,10 | 9,11 | 10,12 |
| Then every 7th & 9th all sizes, with | | | | | | |
| 12 sts on ribber. Knit in pat. ___ ss | 18 | 18 | 16 | 4 | 2 | 0 |
| Inc 1 st each side every 6 rs to ___ sts | 103 | 109 | 115 | 121 | 127 | 133 |
| Knit even to row ___ | 200 | 206 | 212 | 212 | 216 | 222 |

| SIZE: | 32 | 34 | 36 | 38 | 40 | 42 |
|---|---|---|---|---|---|---|
| Mark end sts with cc. Knit to row__ | 228 | 234 | 242 | 248 | 248 | 254 |
| Shape Top: Bind off beg next 8 rs___sts | 6 | 7 | 8 | 9 | 10 | 11 |
| Bind off rem'ing sts. | | | | | | |
| NECK BAND: Pitch lever on P. Cast on___sts for 1 x 1 rib on each bed. Total___sts | 62<br>124 | 66<br>132 | 72<br>144 | 76<br>152 | 82<br>164 | 86<br>172 |
| Knit 2 rows circular to complete cast on, then rib 29 rs all sizes. Bind off loosely. | | | | | | |

FINISHING:

Block sections lightly. Seam shoulders and sides. Join sleeves to marked row. Sew in sleeves with marked sts matched up to side seams. Join ends of neck-band. Sew cast on edge in place around neck edge. Fold band over and tack down on inside.

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